

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
----------	------	--------------	-----	---------------------	---------	------------

EAST Search History

L1	100	(US-20050169119-\$ or US-20030012109-\$ or US-20030198151-\$ or US-20010050338-\$ or US-20030123044-\$ or US-20050099609-\$ or US-20060103808-\$).did. or (US-5592460-\$ or US-5901122-\$ or US-5347366-\$ or US-4919511-\$ or US-6344936-\$ or US-4445209-\$ or US-3555280-\$ or US-5189464-\$ or US-5414681-\$ or US-5620766-\$ or US-6320837-\$ or US-5199013-\$ or US-4302830-\$ or US-4516159-\$ or US-4775967-\$ or US-5218596-\$ or US-7079464-\$ or US-4904855-\$ or US-5870635-\$ or US-5249010-\$ or US-4931820-\$ or US-5012267-\$ or US-5790901-\$ or US-5805941-\$ or US-5859417-\$ or US-4367010-\$).did. or (US-4572642-\$ or US-4818865-\$ or US-4935763-\$ or US-5181144-\$ or US-5331143-\$ or US-5396336-\$ or US-5463442-\$ or US-5504350-\$ or US-3788731-\$ or US-4294506-\$ or US-4300156-\$ or US-4314154-\$ or US-4419581-\$ or US-4537483-\$ or US-4592625-\$ or US-4633077-\$ or US-4784487-\$ or US-4812030-\$ or US-4828383-\$ or US-4900911-\$ or US-5214485-\$ or US-5249033-\$ or US-5249057-\$ or US-5267012-\$ or US-5287338-\$ or US-5291093-\$ or US-5307175-\$).did. or (US-5353077-\$ or US-5422699-\$ or US-5438190-\$ or US-5440340-\$ or US-5512804-\$ or US-5539481-\$ or US-5771408-\$ or US-5818155-\$ or US-6069651-\$ or US-6115191-\$ or US-6166483-\$ or US-6339564-\$ or US-6353282-\$ or US-6462874-\$ or US-6476955-\$ or US-6650401-\$ or US-6677585-\$ or US-7165849-\$ or US-4838675-\$ or US-5670064-\$ or US-5239170-\$ or US-4977425-\$ or US-5448295-\$ or US-4763004-\$ or US-4933553-\$ or US-5331370-\$ or US-5343013-\$).did. or (US-5982476-\$ or US-4456821-\$ or US-4593705-\$ or US-4382337-\$ or US-4550623-\$ or US-4795411-\$ or US-4838076-\$ or US-4906881-\$ or US-4938729-\$ or US-5060764-\$ or US-5345140-\$ or US-5396837-\$ or US-5669133-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/16 12:49
9/16/2007 2:36:04 PM C:\Documents and Settings\B Coleman\My Documents\EAST\Workspaces\10767192.wsp						Page 2

EAST Search History

L2	23650	voice near2 coil	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L3	14343	(lens near5 mov\$3) with (distance amount range)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L4	48	(lens near5 mov\$3) with ((distance amount range) near10 (optim\$5 near2 focus))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L5	1	L2 same L4	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L6	2	coil same L4	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L7	946	((sum near2 signal) near10 (optim\$5 focus))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L8	3	((sum near2 signal) near10 (coil near2 gain))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L9	956	(lens near5 (slid\$3 position\$3 mov\$3)) same ((distance amount range) near10 (optim\$5))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L10	23650	voice near2 coil	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L11	4	((sum near2 signal) with (coil near2 gain))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L12	3007	((chang\$3 adjust\$3 difference) near2 (coil near3 volt\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L13	94	((L3 same (optim\$5 near2 focus)) or (L12 same (optim\$5 near2 focus)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L14	0	(L12 same (optim\$5 near2 focus))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L15	24	L3 and L12	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L16	1	L15 and ((L3 same (optim\$5 near2 focus)) or (L12 same (optim\$5 near2 focus)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49

EAST Search History

L17	0	((L3 same (optim\$5 near2 focus)) and (L12 same (optim\$5 near2 focus)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L18	1	L4 and L12	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L19	2	("3101440").PN.	EPO	OR	OFF	2007/09/16 12:49
L20	1490370	coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L21	11564	focus\$5 near2 servo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L22	933345	(cd dvd cdrom ((compact optical digital) near2 (disc disk medium)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L23	661065	calibrat\$6 or initializ\$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L24	1507499	offset or gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L25	0	(L23 near10 L24 near10 L20) and (L22 near10 "6")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L26	337971	label	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L27	2	(L23 near10 L24 near10 L20) and (L22 near10 L26)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49

EAST Search History

L28	1028	(369/44.29).ccs.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L29	0	(L23 near10 L24 near10 L21) and (L22 near10 L26)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L30	66	(L23 near10 L24 near10 (L20 or L21)) and (L22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L31	62	((L23 near10 (L20 or L21)) and (L22)) and L28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L32	36	L31 not L30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L33	11564	focus\$5 near2 servo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L34	661065	calibrat\$6 or initializ\$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L35	933345	(cd dvd cdrom ((compact optical digital) near2 (disc disk medium)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L36	337971	label	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L37	1490370	coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49

EAST Search History

L38	1028	(369/44.29).cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L39	1	((L34 near10 (L37 or L33)) and ((L35 near L36) or (L35 same L36))) and L38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L40	62	((L34 near10 (L37 or L33)) and (L35)) and L38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L41	1	(("2002191517") or ("4967404")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/16 12:49
L42	0	2002/191517	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L43	1	("20040161257").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/16 12:49
L44	4	(("5831953") or ("5748607") or ("5504688") or ("6046970")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/16 12:49
L45	11564	focus\$5 near2 servo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L46	661065	calibrat\$6 or initializ\$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L47	1490370	coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L48	1507499	offset or gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49

EAST Search History

L49	622	(determin\$3 find\$3 set\$3 or L46) near5 ((L45 L47) near5 L48)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L50	1028	(369/44.29).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L51	60	L49 and L50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L52	15825	feed adj forward	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L53	65	L52 and L50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L54	25355	(whole entire) near3 (disc disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L55	1389	((every all each) near3 ((position region area location) near4 (whole entire disc disk)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L56	11564	focus\$5 near2 servo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L57	1490370	coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L58	1507499	offset or gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49

EAST Search History

L59	2	((L57 L56) near10 L58) near10 (L55 L54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L60	1028	(369/44.29).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L61	661065	calibrat\$6 or initializ\$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L62	622	(determin\$3 find\$3 set\$3 or L61) near5 ((L56 L57) near5 L58)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L63	60	L62 and L60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L64	250798	(every all whole entire) near3 (disk area location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L65	40	L62 and L64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L66	4033	((every all each whole entire) near3 ((position region area location) near4 (disc disk)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L67	0	L62 same L66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L68	0	L62 same (L55 L54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49

EAST Search History

L69	0	L62 near10 (L55 L54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L70	2	L62 same L64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L71	1	L62 near10 L64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L72	0	L62 near10 L66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L73	0	((determin\$3 find\$3 set\$3 or L61) with ((L56 L57) near5 L58)) same (L55 L54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L74	4	((L57 L56) near5 L58) same (L55 L54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L75	1	((L57 L56) near5 L58) near10 (L55 L54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L76	2	((L57 L56) near5 L58) with (L55 L54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L77	1490370	coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L78	11564	focus\$5 near2 servo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49

EAST Search History

L79	2400	((every all each) near3 (position region area location)) near10 (whole entire disc disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L80	1507499	offset or gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L81	0	((L77 L78) near5 L80) with L79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L82	9530	((L77 L78) near5 L80)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L83	0	L82 same L79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L84	0	((L77 L78) near5 L80) near10 L79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L85	59836	(every all each whole entire) near10 (disc disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L86	1028	(369/44.29).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L87	200	L85 and L86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L88	127259	(every all each whole entire) near10 (disc disk medium media)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49

EAST Search History

L89	227	L88 and L86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L90	149	L89 not (L85 near5 (drive apparatus device))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L91	139	L87 not (L85 near5 (drive apparatus))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L92	122	L87 not (L85 near5 (drive apparatus device))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/16 12:49
L93	1	2002/0150005	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L94	1	"20020150005"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 12:49
L96	2445	(sum\$4 fes (focus adj error) (push adj pull)) same ((slew chang\$3 increas\$3) near3 coil)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 14:11
L97	0	74 and 96	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 14:10
L98	62	28 and (23 near10 (20 or 21))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 14:11
L99	1	98 and 96	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/16 14:11
L100	5	((offest or gain) ((focus\$4 near2 servo) or coil) (sum\$4 or fes or (focus adj error) or (push adj pull)) ((slew or chang\$3 or increas\$3) near3 coil)).clm.	US-PGPUB	AND	ON	2007/09/16 14:14
L101	5	((offest or gain) and ((focus\$4 near2 servo) or coil) and (sum\$4 or fes or (focus adj error) or (push adj pull)) and ((slew or chang\$3 or increas\$3) near3 coil)).clm.	US-PGPUB	AND	ON	2007/09/16 14:22